High-Definition Audio-Visual Network Alliance (HANA)

Demonstration to the FCC

December 6, 2007
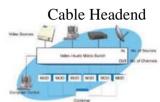
Demonstration to FCC
(3 simultaneous High Definition A/V streams accessible via multiple rooms)

Legend
- Cable Headend
- ATSC
- 1394 A/V over Coax
- 1394 A/V
- HDMI

Cable Headend

OTA Antenna

Attic

Coax Splitter

Cable STB
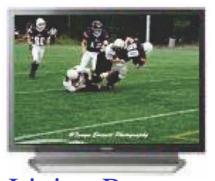
TV Node

TV Node

ATSC Tuner + 1394 Built-In

Office

Bedroom

Living Room

www.HANAalliance.org

Benefits of 1394 and HANA

- 1394 and HANA can guarantee 5 to 8 unique real time HD streams to every display device within the home. **

- HANA, via its secure, bidirectional 1394 interface, can support content from both OCAP and DCR+ bidirectional navigation devices, as well as conditional access devices from any other MVPD -- fulfilling a key objective of the NPRM.

- Digital multi-cast broadcast signals not carried by a cable operator can be shared throughout a cable subscriber's home when received by an antenna at a single viewing point.

- 1394 and HANA can operate over existing coax cabling (including thru splitters) without interfering with existing TV frequencies.

- Alternative cabling can be used for rooms without coax connection (CAT5, POF).

**Depending on resolution & compression